



**GENERAL NOTES**

**MATERIAL SPECIFICATIONS:**  
 STRUCTURAL STEEL-ASTM-A7  
 RIVET STEEL-ASTM-A441

**WORKMANSHIP SPECIFICATIONS:**  
 AS PER ILLINOIS STATE HIGHWAY SPECIFICATION  
 DATED JANUARY 2, 1952

**NOTICE:** STATE OF ILLINOIS DIVISION OF HIGHWAYS  
**PUNCHING AND REAMING:**  
 HOLES MARKED "X" SHALL BE SUB-PUNCHED OR SUB-DRILLED 1/8" AND REAMED TO 1/8" WITH ALL PARTS ASSEMBLED, OR DRILLED 1/8" WITH ALL PARTS ASSEMBLED.  
 HOLES MARKED "B" SHALL BE SUB-PUNCHED OR SUB-DRILLED 1/8" AND REAMED TO 1/8" WITH ALL PARTS ASSEMBLED, OR DRILLED 1/8" WITH ALL PARTS ASSEMBLED; ALL PARTS ASSEMBLED AND REAMED OR DRILLED SHALL BE MATCH MARKED.  
 SEE SHEET 2-4 FOR DETAILS OF MATCH MARKING.  
 ALL STRINGS SHALL BE REAMED OR DRILLED FULL SIZE.  
 HOLES MARKED "O" SHALL BE REAMED OR DRILLED FULL SIZE.  
 SIZE ONLY APPLICABLE TO RIBS OF A LINE ARE YARD ASSEMBLY AND SHOWN BY THE STATE ENGINEER. SEE YARD ASSEMBLY FOR BEARING ON THIS SHEET.

TOTAL	DESCRIPTION	MARK	SECTION
REQD			
ONE	CHANNEL HANDRAIL	HR11	A, C, D
ONE		HR35	C, D
ONE		HR33	C, D
ONE		HR34	C, D
ONE	CHANNEL HANDRAIL	HR35	C, D
ONE		HR33	C, D
ONE		HR34	C, D

NO.	DESCRIPTION	DATE
1	DESIGNED	
2	CHECKED	
3	DRAWN	
4	REVISION	

FOR INFORMATION ONLY